

LOG OF MEETING

SUBJECT: Demonstration of X-L Synergy Faultless Plug™

DATE: January 31, 1997

PLACE: CPSC Headquarters
4330 East-West Highway
Bethesda, MD

CPSA 6 (b)(7) Cleared

3/15/97
No. Mfrs./Prvt. Lbrs.

Products Identified

Excepted by

Firms Notified,

Comments Processed.

DATE OF LOG ENTRY: February 5, 1997

SOURCE OF LOG ENTRY: Andrew M. Trotta, ESEE *AMJ*

CPSC PARTICIPANTS:

William H. King, Jr., ESEE
Douglas A. Lee, ESEE
Hammad A. Malik, ESEE
Andrew M. Trotta, ESEE

NON-CPSC PARTICIPANTS:

David C. Nemir, X-L Synergy
Wayne E. Morris, Association of Home Appliance Manufacturers

SUMMARY:

David Nemir of X-L Synergy demonstrated the operation of a prototype Faultless Plug™, an electronic switch reportedly capable of detecting a 200 microampere leakage current within 8 milliseconds and resetting itself when the unintentional current path is removed. Although the device is presently being evaluated by Underwriters Laboratories, it is not yet certified.

The prototype was attached to an incandescent work light via a standard lamp cord, which had a short section of insulation removed from both conductors, exposing the bare wires. The device, which was slightly larger than a standard plug, was plugged into an electrical receptacle in the meeting room. As part of the demonstration, Mr. Nemir grasped both bare wires with his thumb and index finger and the light went out. The light turned back on as he released his grip. He also did the same by grabbing one of the bare wires and touching the outlet cover plate.

The Faultless Plug™ is intended for dedicated use, i.e., its operational parameters are tailored to the specific requirements of the connected load. Presently, the device is only capable of supporting appliances in the range of 250 watts.

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X-L SYNERGY
1065 Doniphan Park Circle, #B
El Paso, TX 79922-1353

TEL. (915) 584-0575
FAX (915) 833-2142

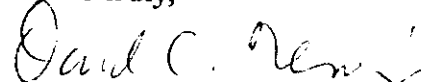
Mr. William King
U.S. Consumer Product Safety Commission
4330 East West Highway
Bethesda, MD 20814-4408

January 3, 1997

Dear Mr. King,

As per our conversation today, I am looking forward to our 9:00 AM meeting at your offices on Friday, January 31. I was originally referred to you by Dave Dini at Underwriters Laboratories. For your information, I am enclosing a copy of our brochure.

Yours truly,


David C. Nemir